

(12) UK Patent Application (19) GB (11) 2 052 779 A

(21) Application No 8017337
 (22) Date of filing 27 May 1980
 (30) Priority data
 (31) 43088U
 (32) 29 May 1979
 (31) 43088
 (32) 29 May 1979
 (33) United States of America (US)
 (43) Application published 28 Jan 1981
 (51) INT CL³
 G02F 1/133
 (52) Domestic classification
 G2F 23E 24T 26F 25P2 CD
 (56) Documents cited
 None
 (58) Field of search
 G2F
 (71) Applicant
 Texas Instruments
 Incorporated, 13500
 North Central
 Expressway, Dallas,
 Texas, United States of
 America

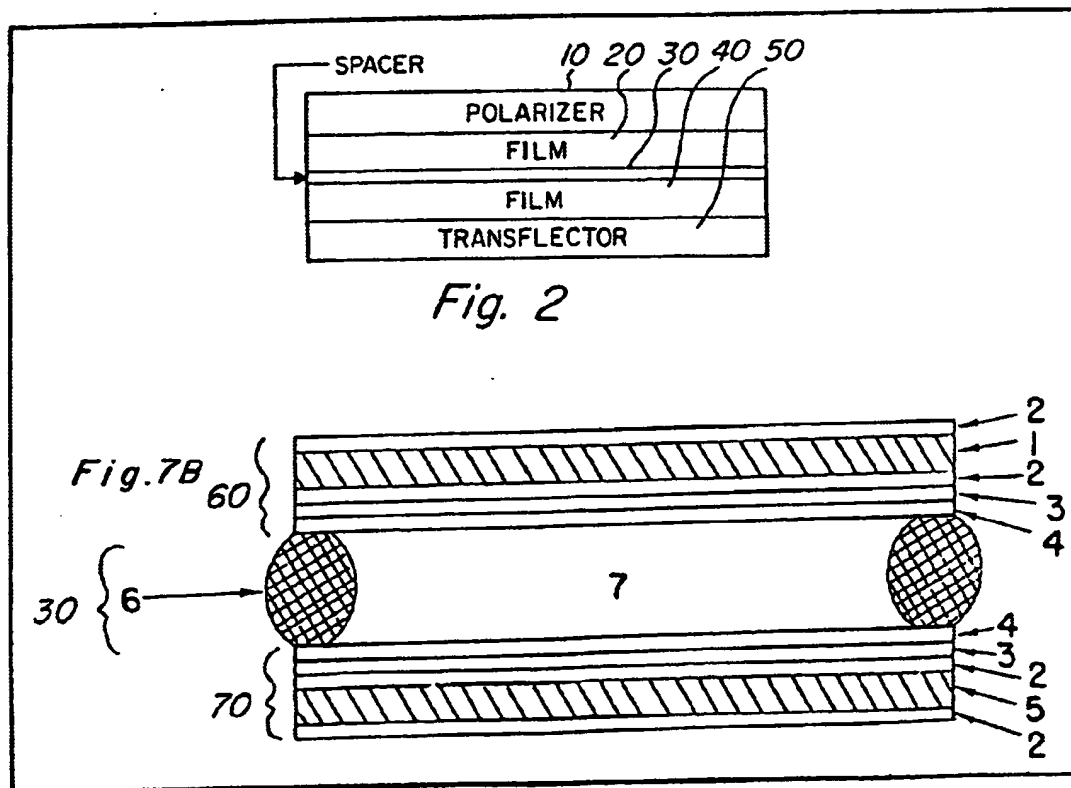
(72) Inventors
 Bobby G. Culley,
 Kishin Surtani,
 Walter Y. Wen
 (74) Agent
 Abel & Imray

(54) Liquid Crystal Display Cell

(57) Liquid crystal material is contained between flexible electrode-bearing films 20, 40 which are coated with liquid crystal aligning layers and

are spaced and sealed together by a ring 30 (the liquid crystal may contain additional spaces). Polarising films 10, 50, one of which may be transfective may be applied to respective films 20, 40, or, for labour and material saving, may provide the flexible films as in Fig. 7B — showing polarising film 1 between protective layers 2 and carrying conductors 3 and aligning layers 4. The cell may be made in a continuous process starting with reels of conductor-coated film.

The drawings originally filed were informal and the print here reproduced is taken from a later filed formal copy.



GB2 052 779A